



## Report- Summer School Programs 2020

To: Members of the Lowell School Committee

From: Robin Desmond, Assistant Superintendent for Curriculum and Instruction

Date: March 12, 2020

In response to the following motions we are providing the following information:

*[by Mayor John Leahy]: Request the Superintendent provide the committee with an update on IDEA Camp*

*[by Mayor John Leahy]: Request the Superintendent provide the committee with an update on Summer School Programs*

Preparation is well underway for 2020 summer programming. We are pleased to report that due to increased grants to the district we will be providing more summer learning opportunities for youth than in past years.

**IDEA Camp:** With support from the district and our partners Project Learn and UMASS Lowell, the 2020 IDEA Camp will once again be offered to our students in grades 5-10. Operating for 3 weeks from July 6-24th, IDEA Camp provides students with the opportunity to immerse more deeply into STEM topics such as: robotics, coding, architecture, underwater robots, and drones. Scholarships are available for LPS students at a reduced rate of \$40 per week.

The **21<sup>st</sup> Century Community Learning Center** grant will provide up to 1200 students with a 4 to 6 week program at the following schools:

Lowell High School (Freshman Academy)  
Butler Middle  
Sullivan Middle  
Stoklosa Middle  
Robinson Middle  
Shaughnessy Elementary

Morey Elementary  
Bartlett Community Partnership  
Lincoln Elementary  
Murkland Elementary  
McAvinnue Elementary  
McAuliffe Elementary

The district also has received an **After School and Out of School Time (ASOST)** grant for the Reilly and Pyne Arts Elementary. Both schools will run a 4 week summer program for their students (up to 300 slots).

The **Career Academy and Lowell High School** will be operating a 4 week summer program to assist students with credit recovery.

Lowell High School was awarded a **Gateway Cities English Learner Academies** grant to provide up to 100 newcomer and EL students with a 4 week, 6 hrs. per day program to support language acquisition.

**Early Childhood Program** The district has applied for funding to run a 6 week program for students in pre k and for students entering kindergarten with no prior school experience. This program was funded by DESE in FY20 and we are optimistic that the funding will continue this summer. The program will serve up to 60 students and will be housed at the Lincoln Elementary.

**Special Education Summer Programs** will provide up to 400 Lowell students with summer learning. The half day program will be held Monday –Thursday July 6-August 6<sup>th</sup>

Attachments:

2020 IDEA Camp Flyer

LPS Summer Programs 2020

I would like to thank Carolyn Rocheleau, Coordinator of 21st Century Summer and After School Programs, for providing the information in this memorandum.



## 2020 Lowell Public Schools- Summer School Programs

Program	Location	Grades Served	Number of Students	Dates of Program
21stCCLC Summer Program	Morey	K-4	90	6/29-8/7
21stCCLC Summer Program	Shaughnessy	K-4	85	7/6-7/31
21stCCLC Summer Program	Butler	5-8	100	6/29-7/24
21stCCLC Summer Program	McAuliffe	K-4	80	6/29-8/7
21stCCLC Summer Program	Robinson	5-8	80	6/29-7/24
21stCCLC Summer Program	Sullivan	5-8	80	6/29-7/24
21stCCLC Summer Program	Murkland	K-4	100	7/6-7/24
21stCCLC Summer Program	Bartlett	K-4	100	6/29-7/24
21stCCLC Summer Program	McAvinnue	K-4	100	6/29-7/24
21stCCLC Summer Program	Lincoln	K-4	100	6/29-8/7
21stCCLC Summer Program	Stoklosa	5-8	80	6/29-7/24
21 <sup>st</sup> CCLC COMPASS Program	Stoklosa	Incoming LHS 9 <sup>th</sup> graders	80	6/29-7/24
SPED Summer School	TBD Adie Day School LHS	Prek-12	300 30 30	July 6- August 6 <sup>th</sup> M-Th
Early Childhood Summer Learning Program	Lincoln Elementary	PreK	60	6/29-8/7
IDEA Camp	UMass Lowell	Grades 5-9	200+	7/6-7/24
English Language Learners – High School Academy	Lowell High School	Grades 8-12	100	6/29-7/24

Please note that dates and programming may change based on funding allocations.



## 2020 Lowell Public Schools- Summer School Programs

<b>ASOST grant Summer Learning Program</b>	Reilly	Grades K-5	100	7/6-7/24
<b>ASOST grant Summer Learning Program</b>	Pyne Arts	TBD	100	6/29-7/24
<b>Credit Recovery Programs</b>	Career Academy and Lowell High School	High School	200	6/29-7/24

Please note that dates and programming may change based on funding allocations.

## IDEA CAMP WORKSHOPS

### Crime Science—Week 1 & 3 - Grades 6-7

Solve crime with fingerprints, blood types, fibers, bone analysis and extract DNA!

### Wire Your Bedroom—Week 1 - Gr 5-6

Design your own bedroom security system, secret candy safe and more.

### Video Game Makers—Week 1, 2 & 3 - Gr. 5-7

Learn the basics of 2D video game design and programming.

### Architects Studio—Week 1 & 2 —Grade 7-9

Learn how to design, draw and build a 3D scale model of your dream home.

### Sea Perch—Week 1 & 2 - Grades 7-9

Build and program an underwater robot.

### Robotics—Week 2—High School Only

#### Week 3—Grade 7-8

Build and program Lego Robots to overcome obstacles and find their way through mazes.

### Flight School—Week 3 - Grades 5-7

Design and build rockets, hot air balloons and more.

### Carnival Contraptions—Week 2 Gr. 5-6

Design and build awesome carnival inventions: spin art machine, electric carnival games and launchers

### Coding—Week 2 - Grades 5-8

#### Week 3—High School Only

Coding empowers you to do many things, web design, program and app development.

### Farm to Table (Got Dirt?) - Week 3 - Grades 5-10

Students connect STEM content to their food and environment with farm visits and cooking. Learn the science of food as they examine organic, GMO and preparation.

### Broadcast Journalism—Week 2 - Gr. 8-10

#### (New Lead by LTC)

Broadcast journalists will research, investigate and present news and current affairs content for television. They will work at the LTC studio and have access to their equipment to develop their news story.



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## Summer STEM Workshops



OPEN TO ALL STUDENTS

GRADES 5—10



Located at **UMASS Lowell**  
**North Campus**

## CAMP INFO

We are running 3 weeklong sessions:

**WEEK 1: July 6 to 10**

**WEEK 2: July 13 to 17**

**Week 3: July 20 to 24**

- ◆ Camps run each day from 8:30 am—3:00 pm.
- ◆ Students must get rides to and from camp. Students can bring their own lunch but a school lunch and snacks are provided.
- ◆ On Fridays, we host an IDEA Showcase & Pizza Party from 2:30—3:00 pm for friends and family to view all the workshop projects.

## TUITION & REGISTRATION

- ◆ Lowell Residents \$200
- ◆ Out-of-Districts students \$400
- ◆ Registration deadline is **JUNE 19, 2019**. Registration is ON-LINE ONLY <http://lowellrec.com> and pay by credit card. (Online registration begins March 1, 2020.)
- ◆ *No refunds for any reason.*

## Need help registering on-line for Idea Camp?

Contact: Patti Adams or your home school.  
[padams@lowell.k12.ma.us](mailto:padams@lowell.k12.ma.us)

Or

Lowell Public Schools Idea Camp  
c/o Carolyn Rocheleau  
Special Programs  
155 Merrimack Street  
**Lowell, MA 01852**



## INVENT, BUILD, EXPERIMENT

**IDEA CAMP** offers a range of science, design, and computer workshops.

IDEA CAMP is a summer enrichment program for students entering grades 5-10\*. Although hosted by Lowell Public Schools, enrollment is open to students from other cities and towns.

You will know how things work, learn how to use tools, build models of your ideas, learn new technology and a **whole lot more!**

All workshops will be on the North Campus of UMASS Lowell.

This is an exciting opportunity for students to work in actual college classrooms, engineering labs and other key locations across the campus.

Drop off and pick up will be in the bus area off Riverside Street at the top of the parking lot.

⇒ Additional forms will be required. Emergency information forms, media releases and more will be sent to you once you complete your registration.

**Proof of immunizations will be required for all students to attend**



For more information visit: [www.lowell.k12.ma.us](http://www.lowell.k12.ma.us) or <http://lowellrec.com>. You may also email [ideacamp@lowell.k12.ma.us](mailto:ideacamp@lowell.k12.ma.us)

\* Grade in which the student is entering for 2020-2021 school year.

## REGISTRATION DEADLINE—JUNE 19, 2020

Student Name: \_\_\_\_\_

Age: \_\_\_\_\_ Grade: \_\_\_\_\_ Gender: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Parent/Guardian: \_\_\_\_\_

Email: \_\_\_\_\_

Home phone: \_\_\_\_\_

Mobile: \_\_\_\_\_

### Lowell Resident

School Student Attends: \_\_\_\_\_

### Out-of-District

School Student Attends: \_\_\_\_\_

Not in Session = **NA**

Workshop Title	Grade Level	Week 1: July 6-10	Week 2: July 13-17	Week 3: July 20-24
Wire your bedroom	5-6		NA	NA
Carnival Contraptions	5-6	NA		NA
Video Game Makers	6-9			
Crime Science	6-7		NA	
Robotics	7-8	NA	NA	
Robotics (High school only)	9-10	NA		NA
Flight School	5-7	NA	NA	
Farm to Table (Got Dirt?)	5-9	NA	NA	
Coding	5-8	NA		NA
Coding (High School only)	9-10	NA	NA	
Sea perch	7-9			NA
Architect Studio	7-9			NA
Broadcast Journalism (new lead by LTC)	8-10	NA		NA